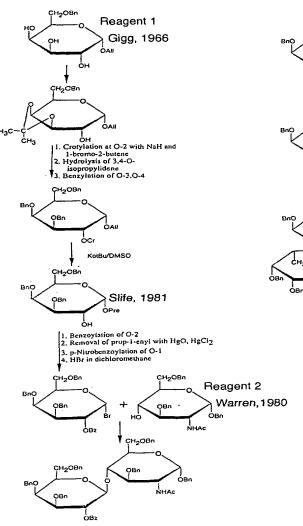


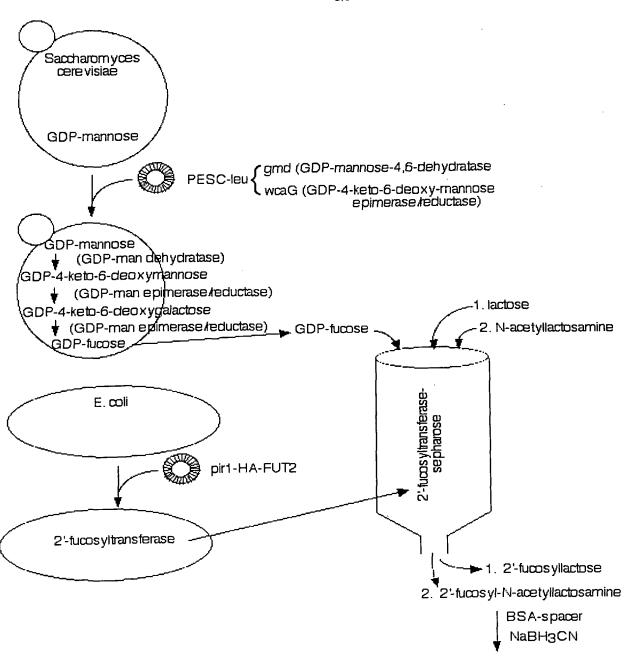
Fig. 1



2'-fucosyl-N-acetyllactosamine

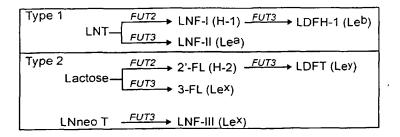
If reagent 2 is prepared from glucose instead of from N-acetylglucosamine, the product will be 2'-fucosyllactose

FIG. 2

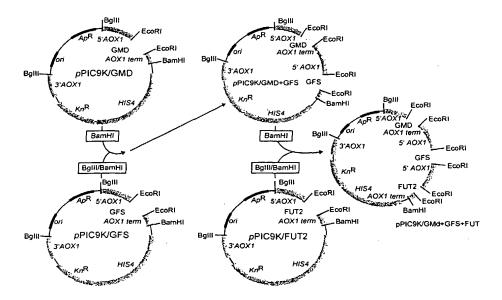


- 1. Polyvalent 2'-fucosyllactose
- 2. Polyvalent 2'-fucosyl-N-acetyllactosamine

FIG.3



F1G. 4



F16-5

F16.6A

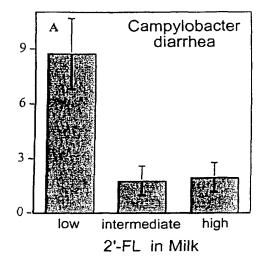
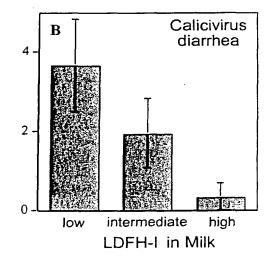
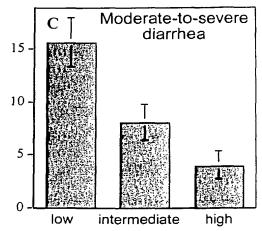


FIG. 6B

Incidence of Diarrhea per 100 Child-Months



F16 6C



2-Linked Fucosyl Oligosaccharides in Milk

## PETZUSQUATES

PBS (Control)	0									
TP		63.2	W.A			61	ı			
2°FL ⊉			7.00	2084			100	8	2.1	
neal neal	22243						70 B)	Pare#	84.3	:
BSA-H-2	36.20	<b>34</b>							85.7	
Mab ANTI-H-2									91	
Neutral-OS			25 W15*	,				**************************************		00
•	0 10	20	30	40 •⁄-	50 Inhibitio	6D	70	80	90	100

	Pathogenic						Non Pathogenic	
Cells	UEA I	INN 287LP	INN 84SP	INN 166IP	NN 10SP	INN 50SP	INN 57SP	
FUT1 (α1,2)	<b>3</b> +	2+	2+	1+	2+	0	0	
FUT3 (a1,3)	0	0	0	0	0	0	0	
FUT4 (α1,3 and α1,4)	0	0	0	0	0	0	0	
Parental CHO	0	0	0	0	0	0	0	

FIG. 7

F14.8

FIG 9A

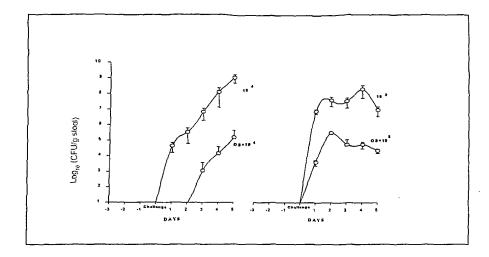
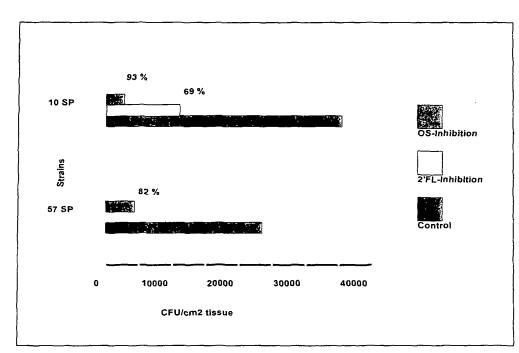


Fig 9B



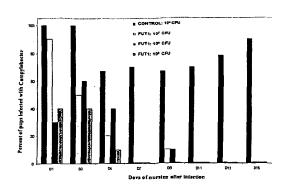


FIG. 10A

Days after Infection	l	ansgenic (F	Non- Transgenic						
	Campylobacter inoculum (CFU/ml)								
	x10 <sup>4</sup>	x10 <sup>8</sup>	X10 <sup>9</sup>	Control x10 <sup>8</sup>					
1	40%4	307	90	100					
3	405	- 60	50	100					
5	10	40	- 20	67					
7	0	0	0.00	70					
9	0	10	20	67					
11	0	0	0	70					
13	0	0	0	78					
15	0	0	0	88					

F14 10B